

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting



1106332

<https://www.phoenixcontact.com/us/products/1106332>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector front mounting, Power, 3-position, Pin, straight, M12, S-coding, on free cable end, Individual wires, cable length: 0.11 m, 1.31 mm<sup>2</sup>, potted, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

Item number	1106332
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB24
Product key	ABQCEG
GTIN	4055626997148
Weight per piece (including packing)	34.5 g
Weight per piece (excluding packing)	22.149 g
Customs tariff number	85444290
Country of origin	DE

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting



1106332

<https://www.phoenixcontact.com/us/products/1106332>

## Technical data

### Notes

#### Safety note

Safety note	<p>WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.</p>
	<ul style="list-style-type: none"><li>• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.</li></ul>
	<ul style="list-style-type: none"><li>• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.</li></ul>
	<ul style="list-style-type: none"><li>• The products are suitable for applications in plant, controller, and electrical device engineering.</li></ul>
	<ul style="list-style-type: none"><li>• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.</li></ul>
	<ul style="list-style-type: none"><li>• Assembled products may not be manipulated or improperly opened.</li></ul>
	<ul style="list-style-type: none"><li>• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a>).</li></ul>
	<ul style="list-style-type: none"><li>• When using the product in direct connection with third-party manufacturers, the user is responsible.</li></ul>
	<ul style="list-style-type: none"><li>• For operating voltages &gt; 50 V AC, conductive connector housings must be grounded</li></ul>
	<ul style="list-style-type: none"><li>• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.</li></ul>
	<ul style="list-style-type: none"><li>• Observe the corresponding technical data. You will find information:<ul style="list-style-type: none"><li>o On the product</li><li>o On the packing label</li><li>o In the supplied documentation</li><li>o Online at <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a> under the product</li></ul></li></ul>
	<ul style="list-style-type: none"><li>• Only use tools recommended by Phoenix Contact</li></ul>
	<ul style="list-style-type: none"><li>• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a></li></ul>
	<ul style="list-style-type: none"><li>• Ensure that the protective or functional ground has been properly connected.</li></ul>
	<ul style="list-style-type: none"><li>• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector</li></ul>
<ul style="list-style-type: none"><li>• The connector warms up in normal operation. Depending on the</li></ul>	

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting



1106332

<https://www.phoenixcontact.com/us/products/1106332>

ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

## Mounting

Mounting type	Front mounting (M16 x 1,5)
---------------	----------------------------

## Product properties

Product type	Circular connectors (device side)
Application	Power
Number of positions	3
Connection profile	2+PE
No. of cable outlets	1
No. of power contacts	2
Coding	S
Thread type	M12

## Insulation characteristics

Overvoltage category	III
Degree of pollution	3

## Material specifications

Material Molding compound	PUR (potted)
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA
Material for screw connection	CuZn alloy, nickel-plated

## Electrical properties

Rated surge voltage	6 kV AC
Nominal current $I_N$	12 A
Test voltage	6 kV

## Connection data

### Conductor connection

Connection method	Individual wires
Contact connection type	Pin
Conductor cross-section	1.31 mm <sup>2</sup>

## Connector

### Connection 1

Head design	Pin
Head cable outlet	straight

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting



1106332

<https://www.phoenixcontact.com/us/products/1106332>

Head thread type	M12
Coding	S

## Connection 2

Head design	free cable end
-------------	----------------

## Cable/line

Cable length	0.11 m
Signal type/category	Power
Cable cross section	1.31 mm <sup>2</sup>
AWG signal line	16

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

## Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-111

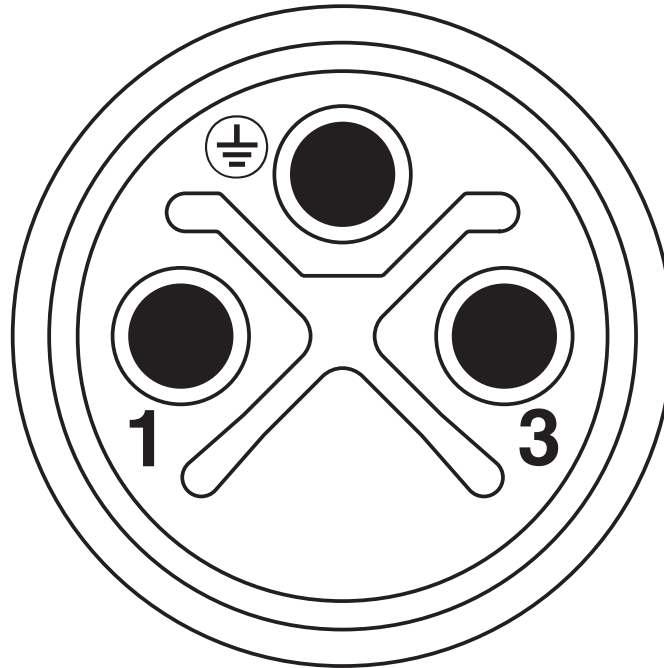
# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting

1106332

<https://www.phoenixcontact.com/us/products/1106332>

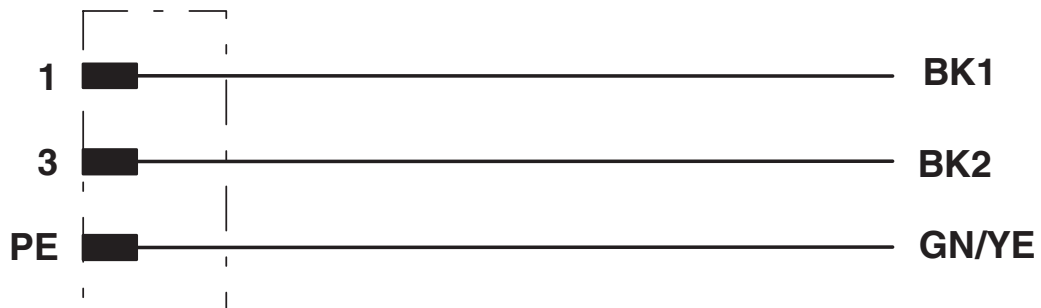
## Drawings

Schematic diagram



Pin assignment of M12 plug, 3-pos., S-coded, view of pin side

Circuit diagram



Contact assignment of the M12 plug

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting





1106332

<https://www.phoenixcontact.com/us/products/1106332>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1106332>

 <b>cUL Recognized</b> Approval ID: E468743-20190917				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
	600 V	12 A	16	-

 <b>UL Recognized</b> Approval ID: E468743-20190917				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
	600 V	12 A	16	-

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting



1106332

<https://www.phoenixcontact.com/us/products/1106332>

## Classifications

### ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

### ETIM

ETIM 10.0	EC003570
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting



1106332

<https://www.phoenixcontact.com/us/products/1106332>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)